

Updated January 21, 2013

TOWN OF BURNS HARBOR, INDIANA

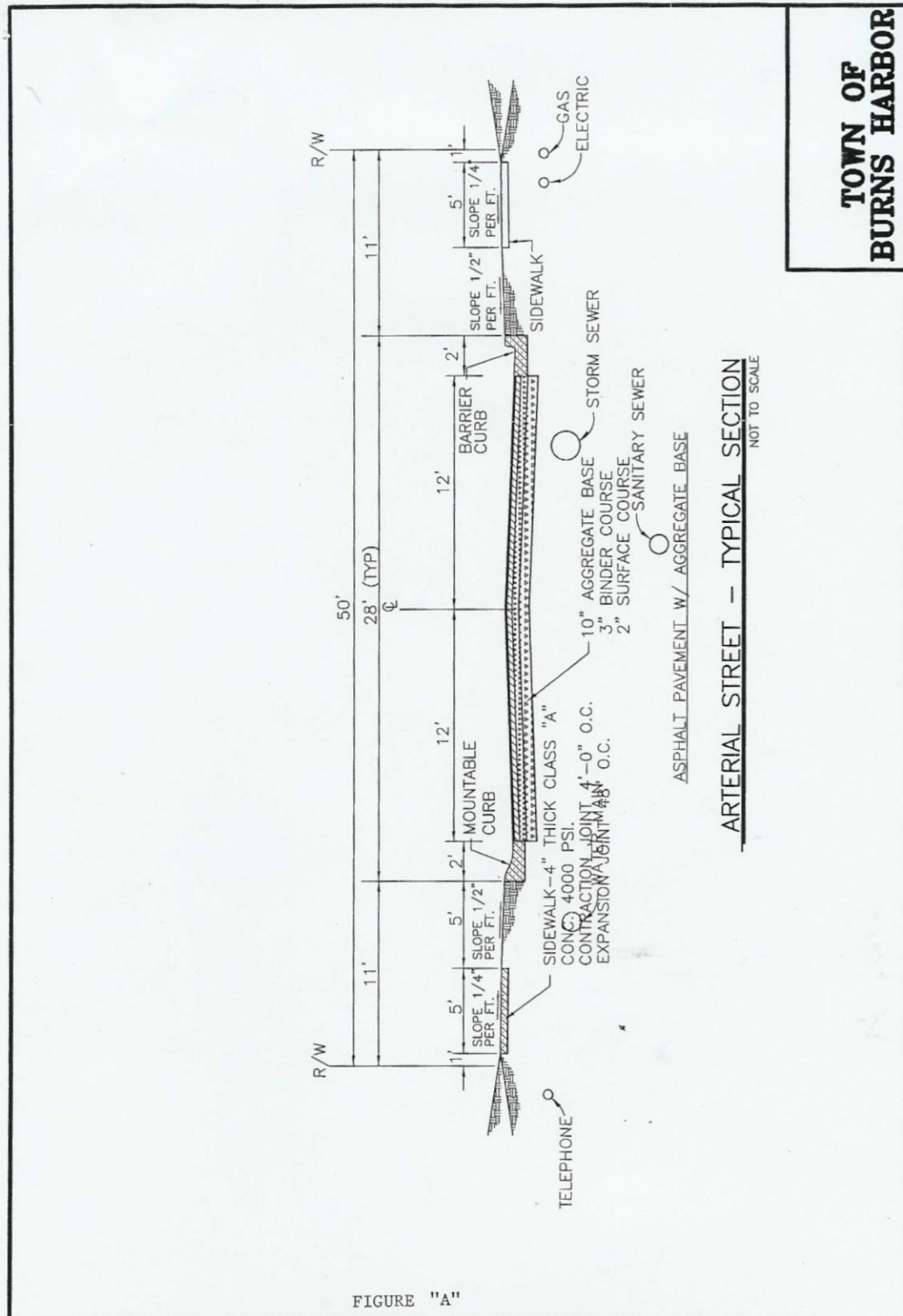
ENGINEERING DESIGN STANDARDS

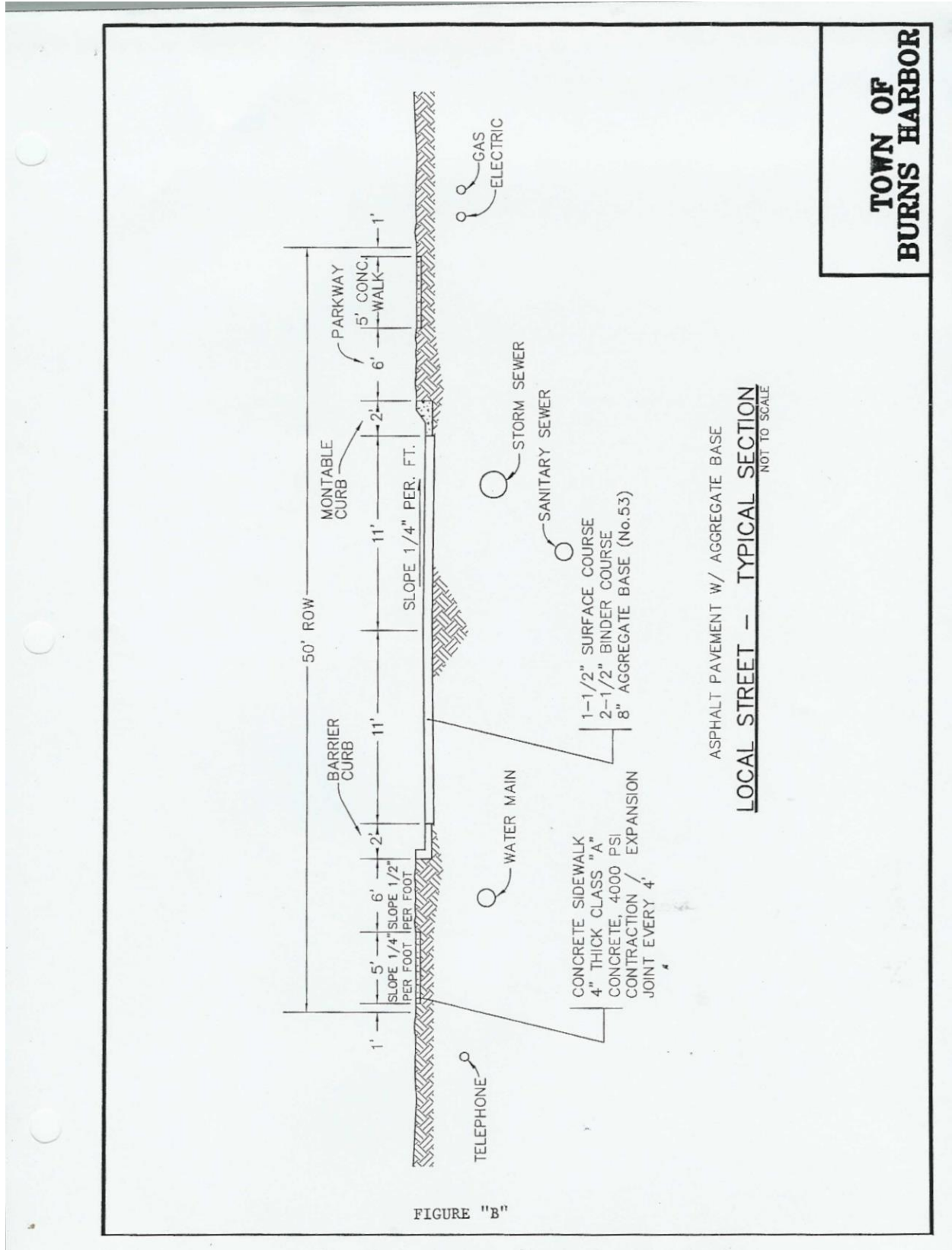
Ordinance 188, October 12, 2005

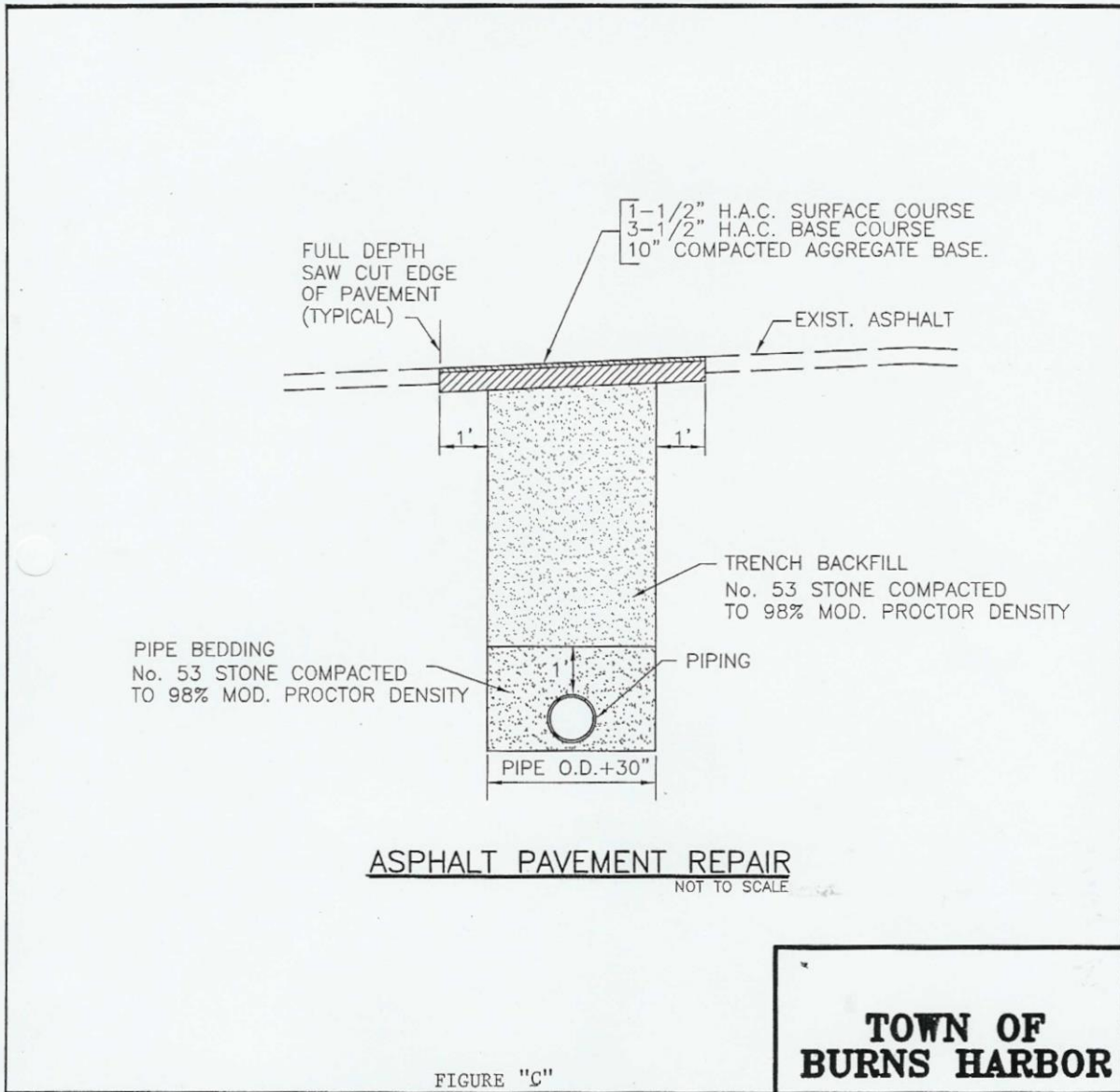
Engineering Design Standards:

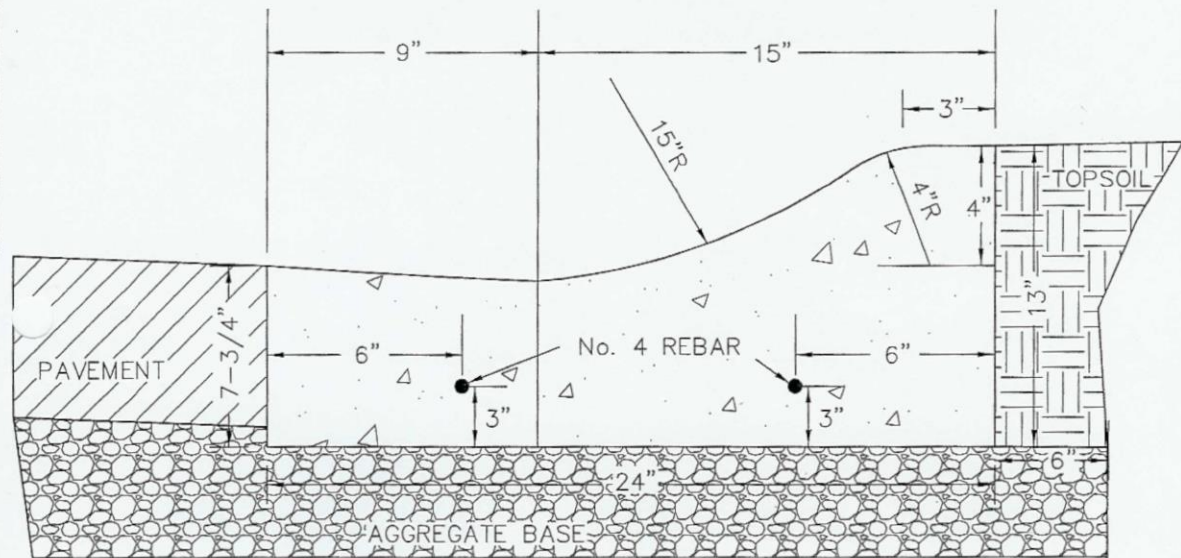
The engineering design standards following this Section shall be utilized for all designs and construction in the Town and shall take precedence over any standards referenced elsewhere in the Town Code which are in conflict with said standards, to wit;

- a. Figure A – Arterial Street – Typical Section
- b. Figure B – Local Street – Typical Section
- c. Figure C – Asphalt Pavement Repair
- d. Figure D – Mountable Curb and Gutter
- e. Figure E – Barrier Curb and Gutter
- f. Figure F – Sub-Surface Drain
- g. Figure G – Storm Sewer Catch Basin
- h. Figure H – Flared End Section
- i. Figure I – Sanitary Sewer Manhole
- j. Figure J – Drop Manhole
- k. Figure K – Sewage Air Valve Structure
- l. Figure L – Sanitary Sewer Clean-Out Detail
- m. Figure M – Service Connection
- n. Figure N – Typical Fill Cut-In Wye
- o. Figure O – Typical Trench Detail
- p. Figure P – Typical Casing Spacers
- q. Figure Q – Silt Fence Barrier Installation
- r. Figure R – Straw Bale Barrier Installation







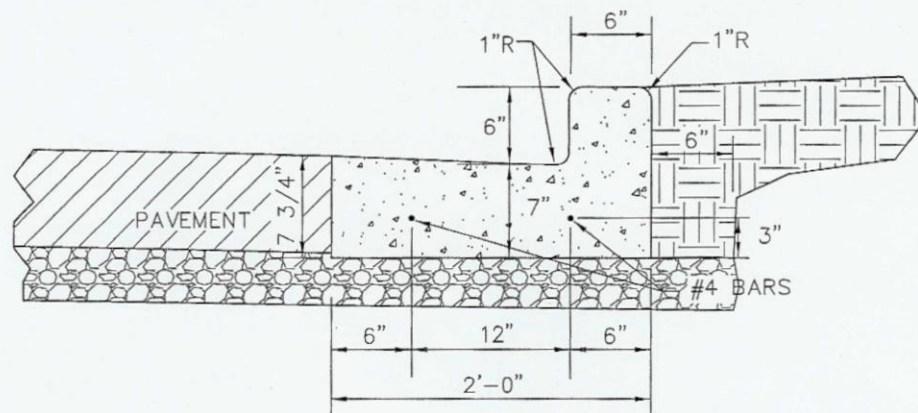


MOUNTABLE CURB AND GUTTER

NOT TO SCALE

FIGURE "D"

**TOWN OF
BURNS HARBOR**

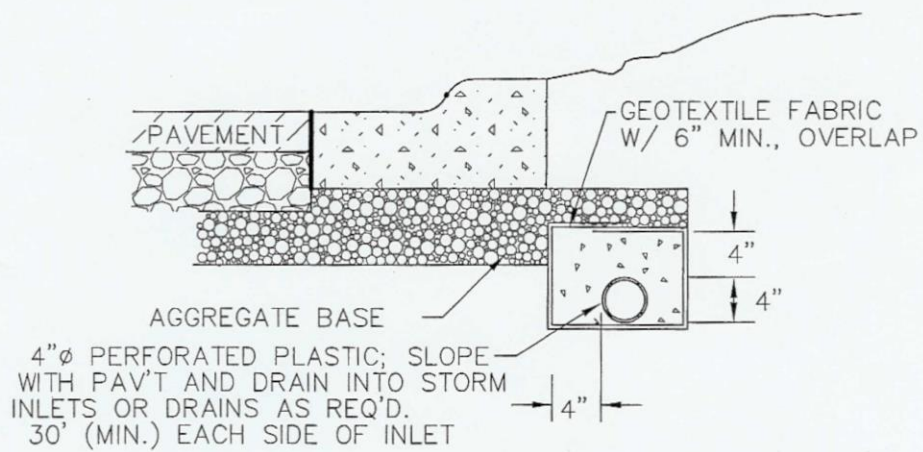


BARRIER CURB AND GUTTER
NOT TO SCALE

NOT TO SCALE

**TOWN OF
BURNS HARBOR**

FIGURE "E"

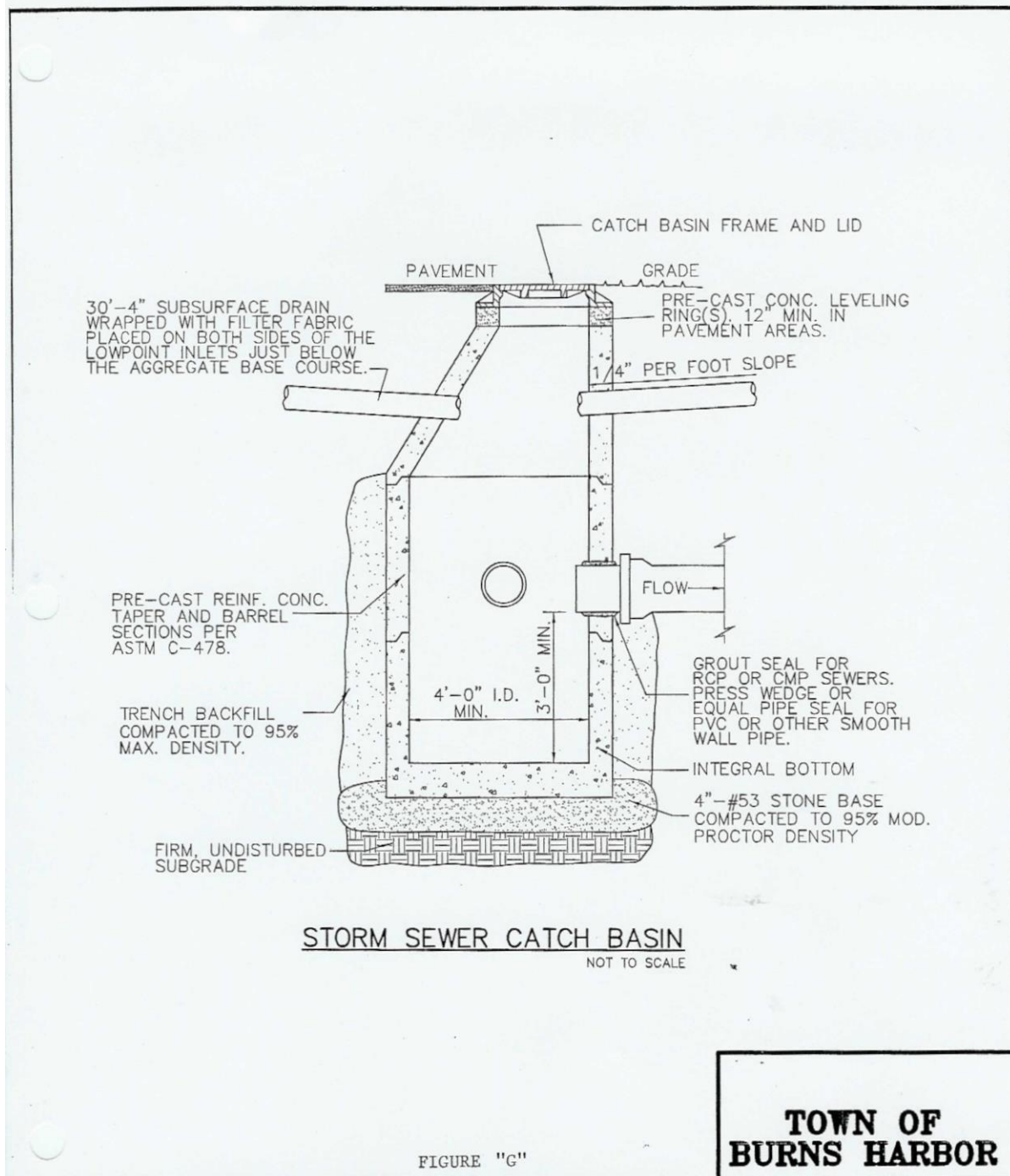


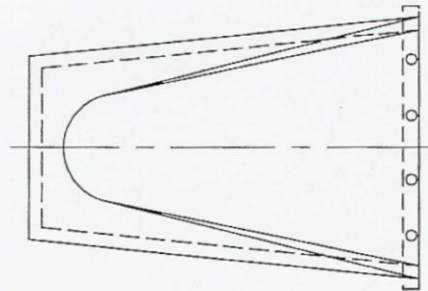
SECTION

SUB-SURFACE DRAIN
NOT TO SCALE

FIGURE "F"

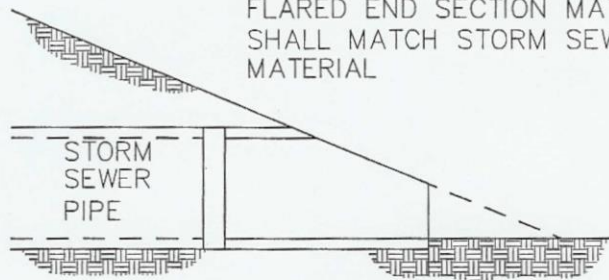
**TOWN OF
BURNS HARBOR**





PLAN VIEW

NOTE:
FLARED END SECTION MATERIAL
SHALL MATCH STORM SEWER PIPE
MATERIAL

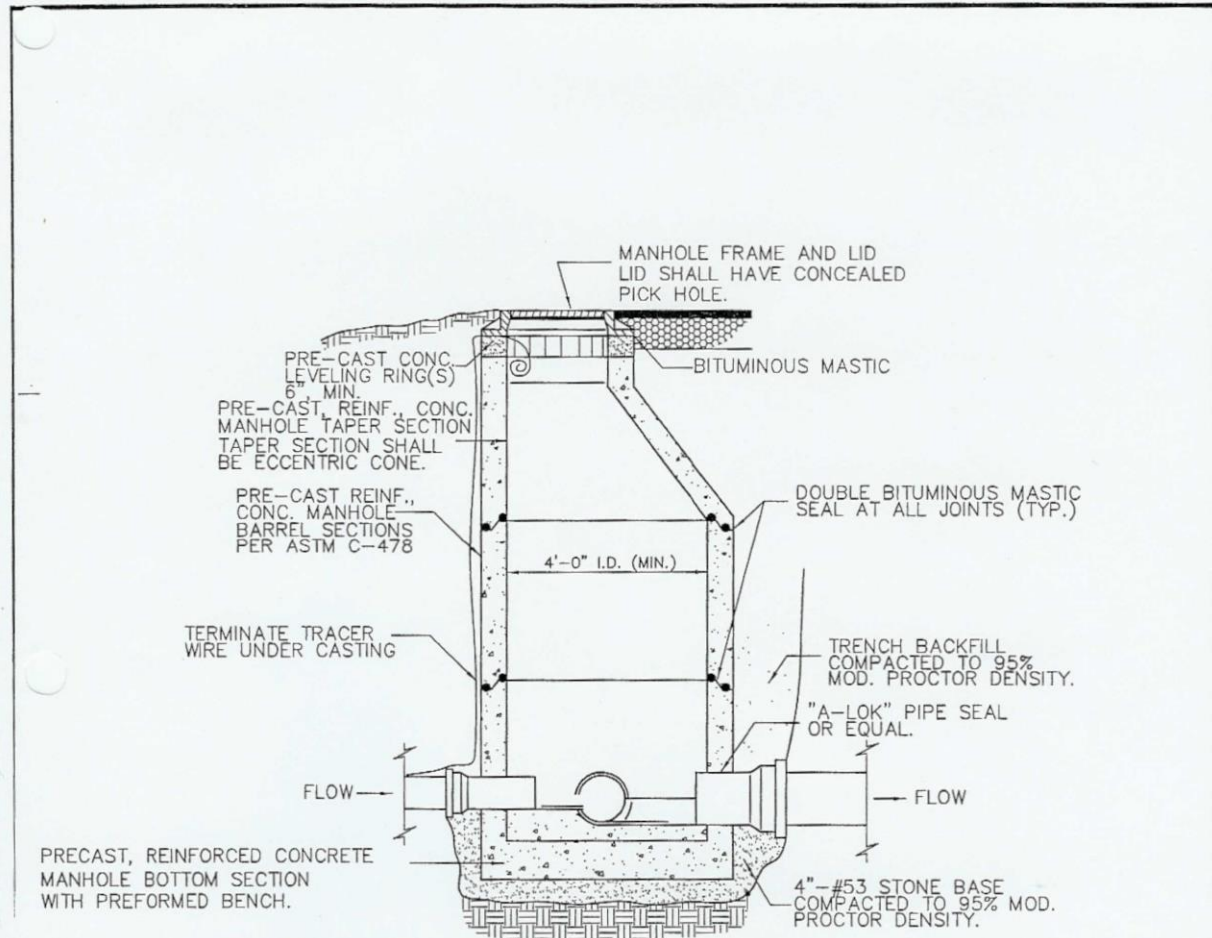


SECTION VIEW

FLARED END SECTION
NOT TO SCALE

**TOWN OF
BURNS HARBOR**

FIGURE "H"



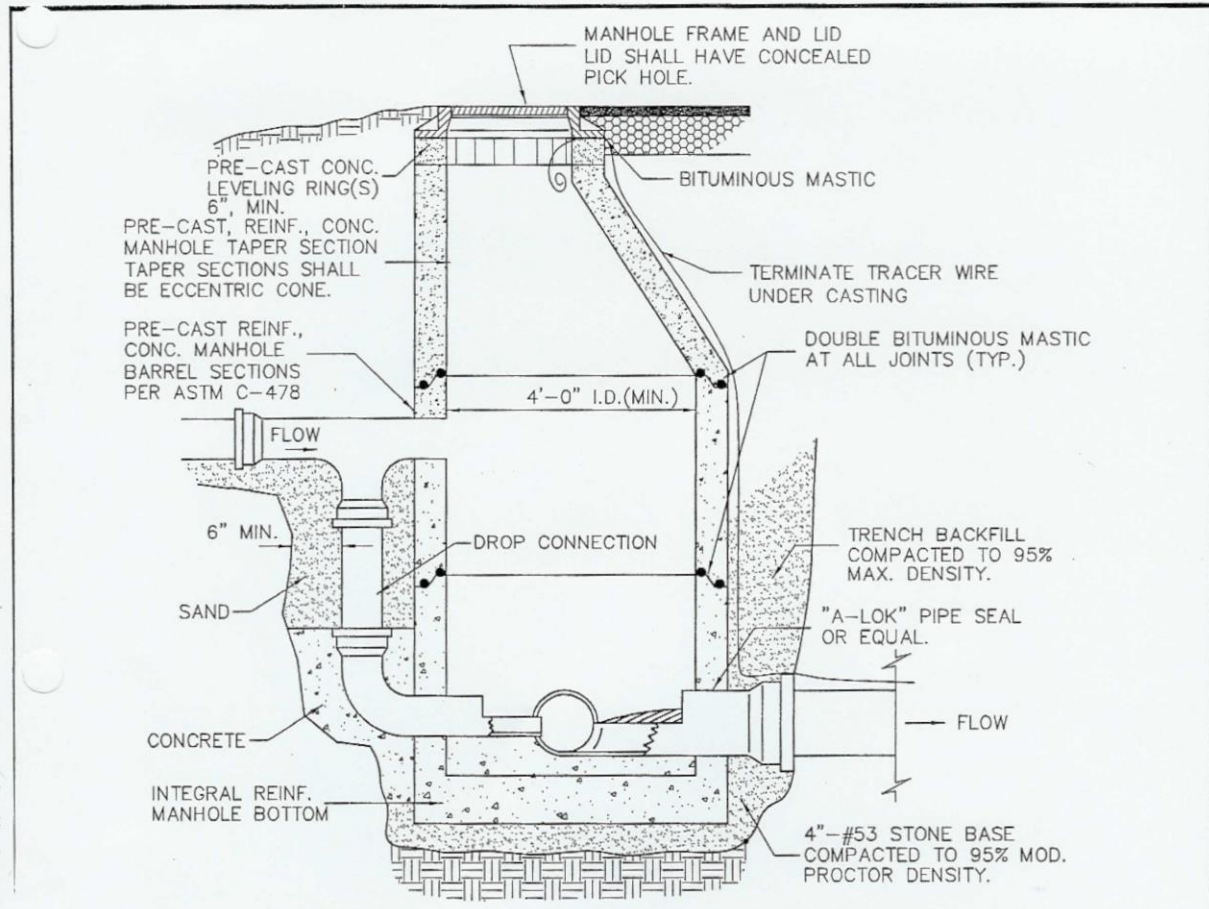
SANITARY SEWER MANHOLE

NOT TO SCALE

NOTES: MANHOLE COVER SHALL BE STAMPED "TOWN OF BURNS HARBOR SANITARY SEWER"
COMPLETED MANHOLE SHALL BE VACUUM TESTED

FIGURE "I"

**TOWN OF
BURNS HARBOR**



DROP MANHOLE
NOT TO SCALE

NOTES: MANHOLE COVER SHALL BE STAMPED "TOWN OF BURNS HARBOR SANITARY SEWER"
COMPLETED MANHOLE SHALL BE VACUUM TESTED
DROP MAY BE PRECAST CONCRETE SECTIONS OR CAST-IN-PLACE

FIGURE "J"

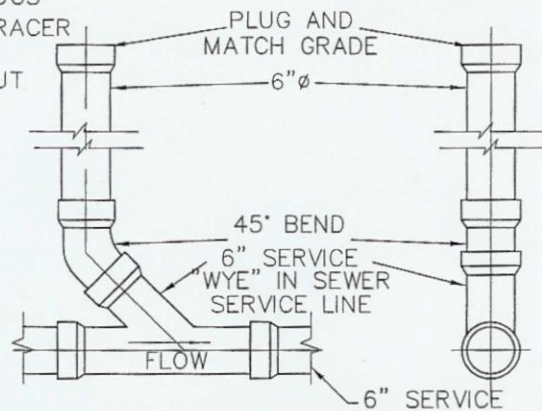
**TOWN OF
BURNS HARBOR**

FIGURE "K"

**TOWN OF
BURNS HARBOR**

NOTES:

- USE WATERTIGHT SCREW IN PLUGS
- TERMINATE TRACER WIRE AT TOP OF CLEAN-OUT

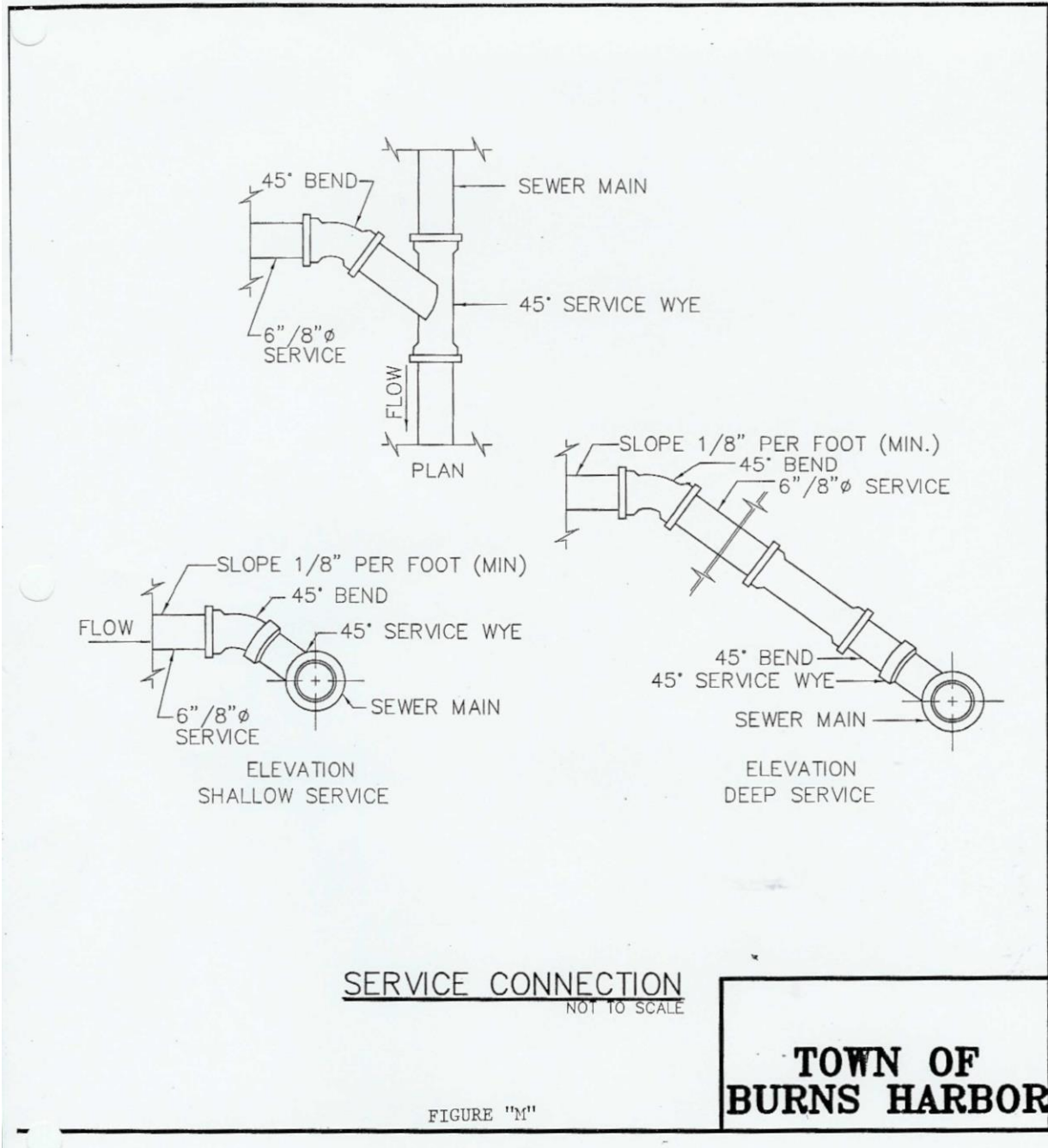


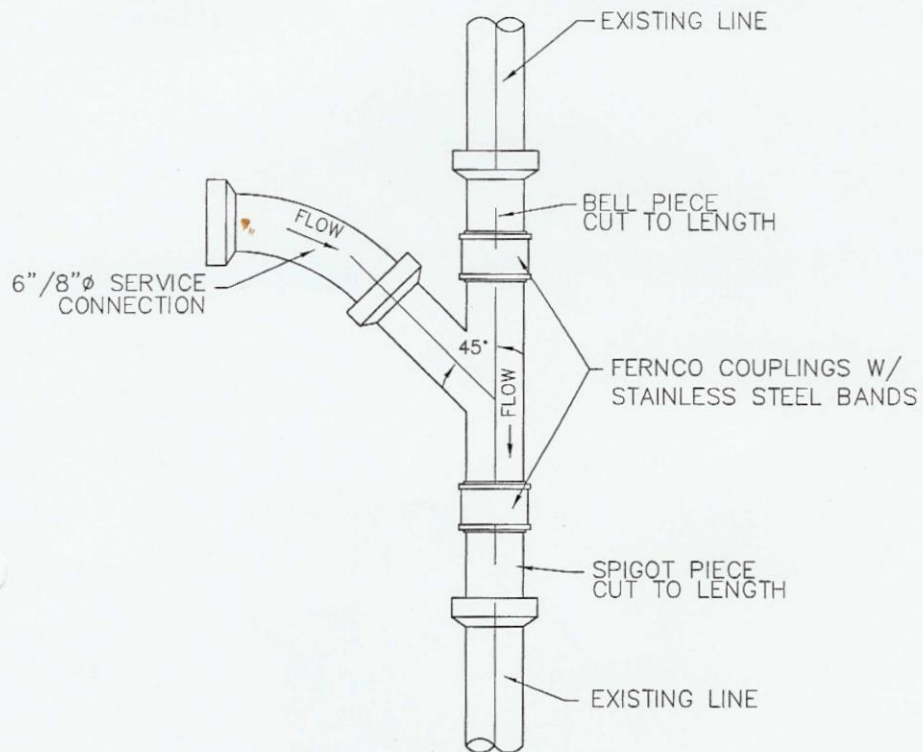
CLEANOUT REQUIRED 2'-5' FROM BUILDING AND AT 100' INTERVALS ALONG SEWER SERVICE AS MEASURED FROM SEWER MAIN

SANITARY SEWER CLEAN-OUT DETAIL
NOT TO SCALE

FIGURE "L"

**TOWN OF
BURNS HARBOR**





TYPICAL FULL CUT-IN WYE
NOT TO SCALE

FIGURE "N"

**TOWN OF
BURNS HARBOR**

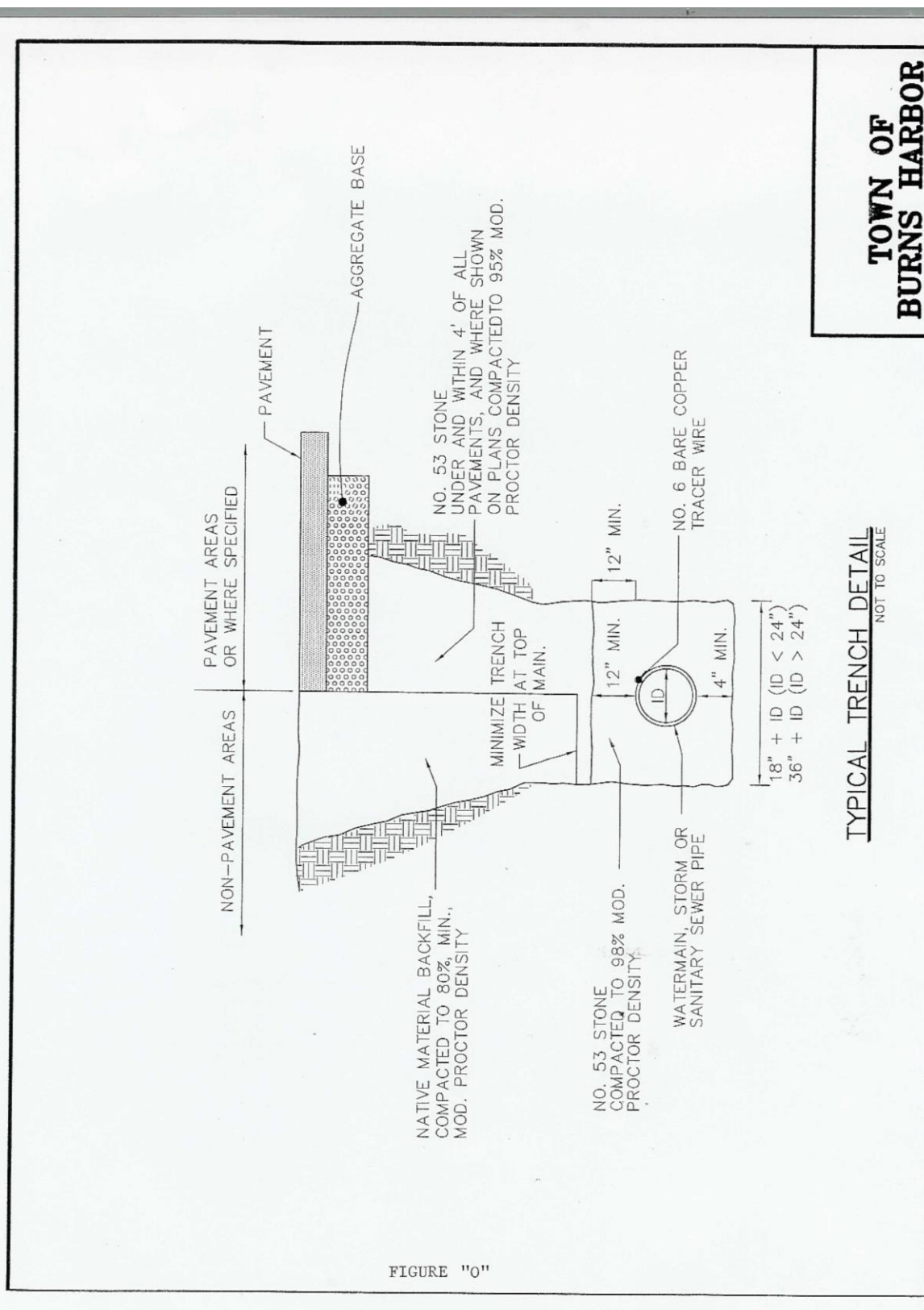
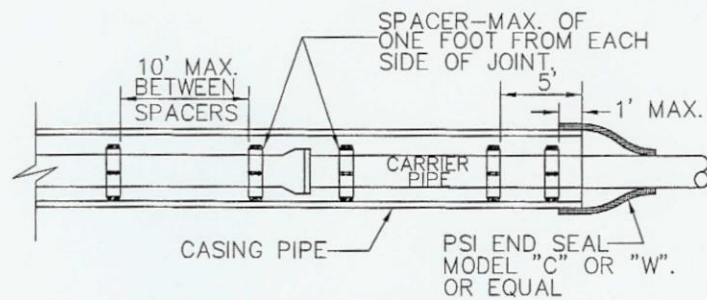


FIGURE "0"

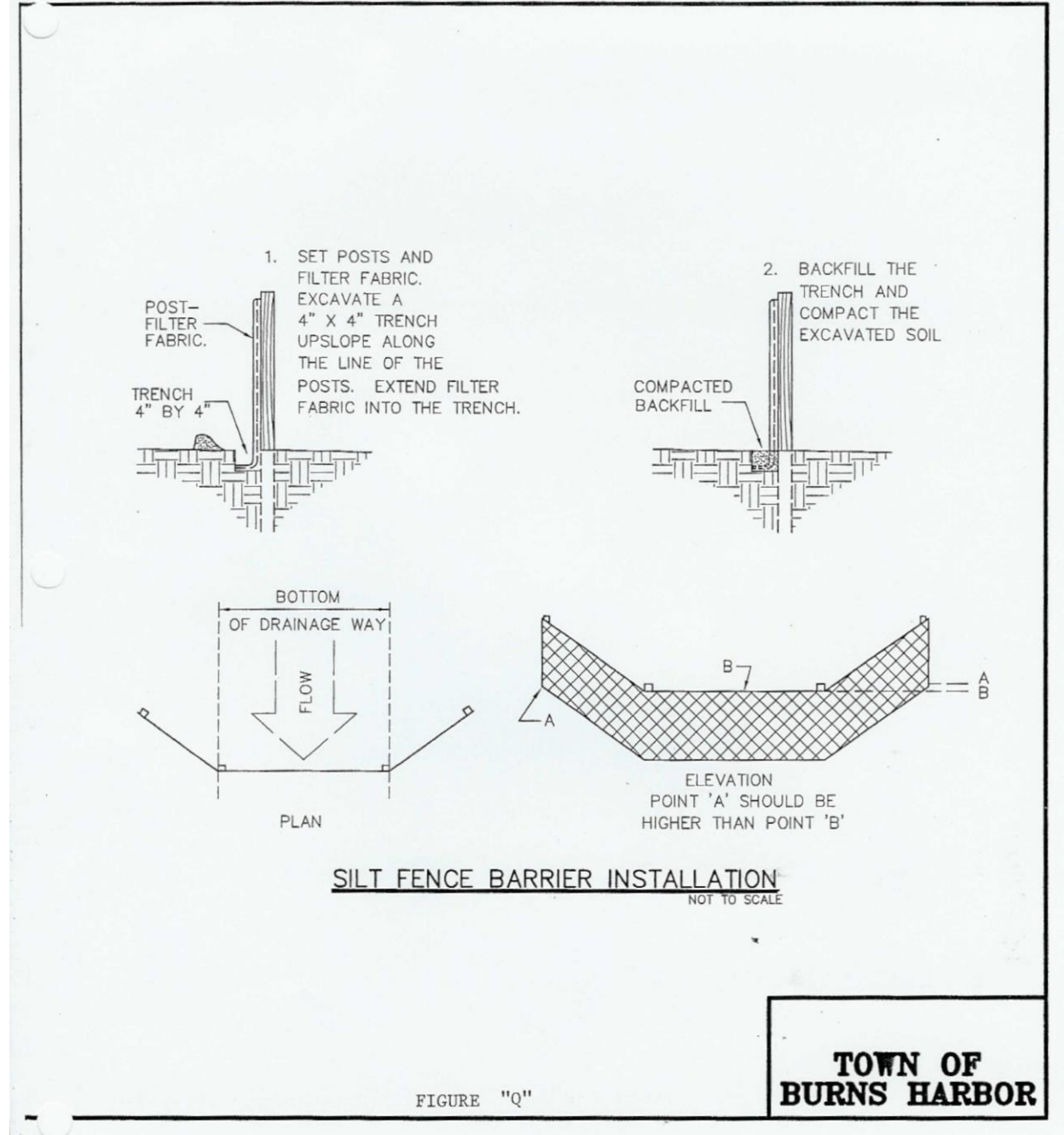


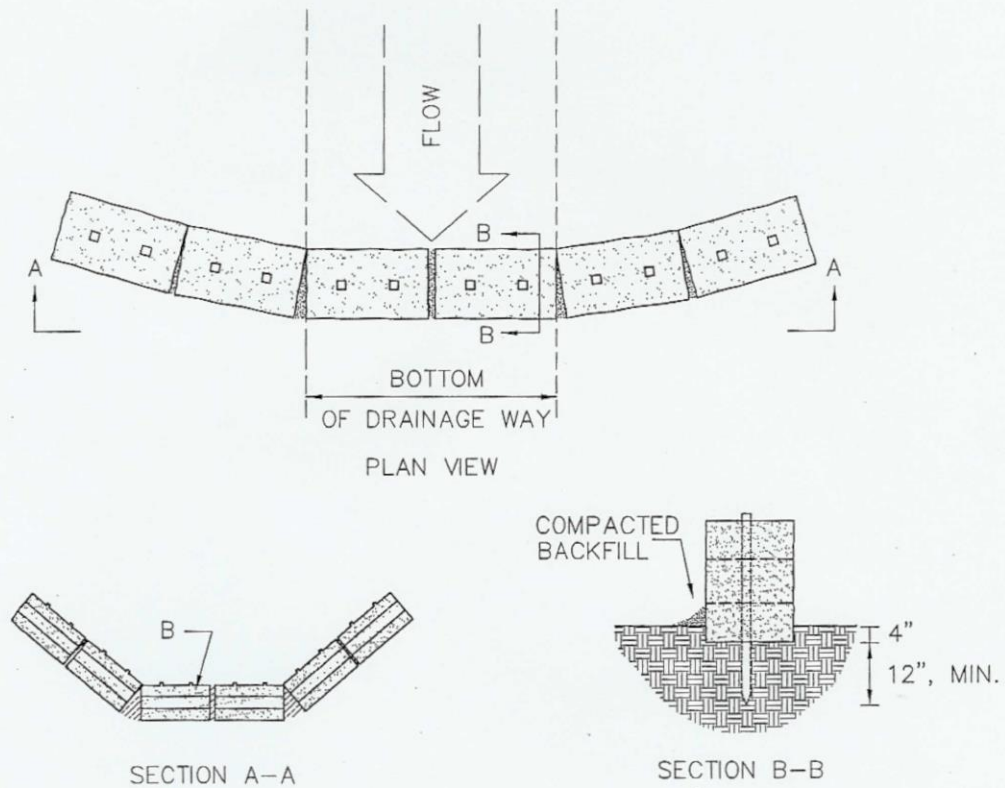
TYPICAL CASING SPACERS
NOT TO SCALE

NOTE:
CONTRACTOR SHALL USE SPACERS AS AVAILABLE FROM PIPELINE
SEAL AND INSULATOR, INC. OR CASCADE WATERWORKS MFG.

FIGURE "p"

**TOWN OF
BURNS HARBOR**





STRAW BALE BARRIER INSTALLATION

NOT TO SCALE

FIGURE "R"

**TOWN OF
BURNS HARBOR**